

TwinPower Half-Cut Module

320W/325W/ 330W/335W/340W



High Module Conversion Efficiencies



Easy Installation and Handling for Various Applications



Mechanical Load Capability of up to 5400 Pa



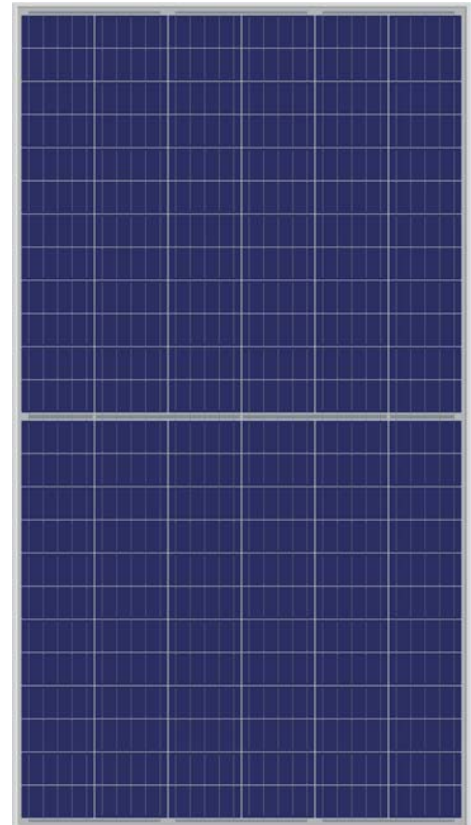
**Conforms with IEC 61215:2005,
IEC 61730:2004, PID Test**



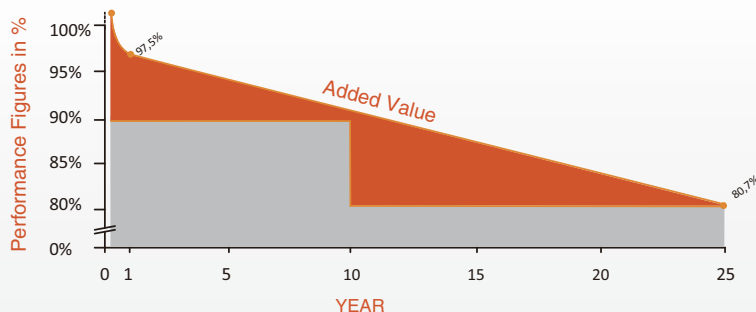
ISO9001, OHSAS18001, ISO14001 Certified



Application Class A, Safety Class II, Fire Rating C



Drawing Only for Reference

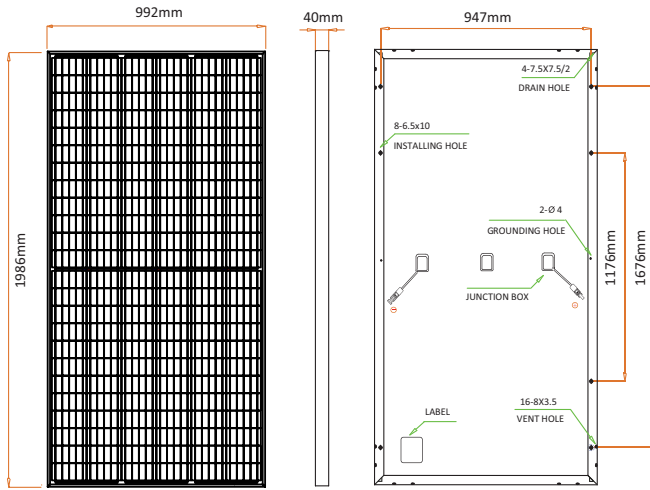


10-year
Material & Workmanship

25-year
Linear Power Output

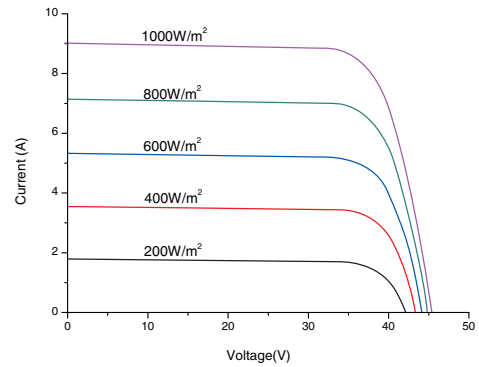


Dimensions



Drawing Only for Reference

I-V Curves



Electrical Characteristics STC

	JC320M-Abc	JC325M-Abc	JC330M-Abc	JC335M-Abc	JC340M-Abc
Maximum Power (Pmax)	320 W	325 W	330 W	335 W	340 W
Power Tolerance	0 ~ +5W	0 ~ +5W	0 ~ +5W	0 ~ +5W	0 ~ +5W
Module Efficiency	16.2%	16.5%	16.8%	17.0%	17.3%
Maximum Power Current (Imp)	8.38 A	8.49 A	8.60 A	8.71 A	8.81 A
Maximum Power Voltage (Vmp)	38.2 V	38.3 V	38.4 V	38.5 V	38.6 V
Short Circuit Current (Isc)	8.83 A	8.95 A	9.06 A	9.18 A	9.23 A
Open Circuit Voltage (Voc)	45.6 V	45.6 V	45.7 V	45.8V	46.1V

Values at Standard Test Conditions STC (AM1.5, Irradiance 1000W/m², Cell Temperature 25°C)

Electrical Characteristics NOCT

	JC320M-Abc	JC325M-Abc	JC330M-Abc	JC335M-Abc	JC340M-Abc
Maximum Power (Pmax)	239 W	241 W	244 W	248 W	251 W
Maximum Power Current (Imp)	6.91 A	6.95 A	7.02 A	7.11 A	7.16 A
Maximum Power Voltage (Vmp)	34.6 V	34.7 V	34.8 V	34.9V	35.1V
Short Circuit Current (Isc)	7.37 A	7.42 A	7.47 A	7.53 A	7.58 A
Open Circuit Voltage (Voc)	42.5 V	42.5 V	42.7 V	43.0 V	43.2 V

Values at Normal Operating Cell Temperature, Irradiance of 800W/m², AM1.5, Ambient Temperature 20°C, Wind Speed 1m/s.

Mechanical Characteristics

Cell Type	Polycrystalline, 156 x 78 mm, 144 (6x24) Half-Cut Cells
Glass	High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminum Alloy
Junction Box	IP67 Rated, With Bypass Diodes
Dimension	*1986 x 992 x 40 mm
Output Cable	4 mm ² (EU), 650mm
Weight	27.5 kg
Installation Hole Location	See Drawing Above

Characteristics

Temperature Coefficient of Voc	-0.30%/°C
Temperature Coefficient of Isc	0.04%/°C
Temperature Coefficient of Pmax	-0.40%/°C
Nominal Operating Cell Temperature (NOCT)	45°C±2°C

Packing Information

	20' GP	40' GP	40' HQ
Container			
Pallets per Container	10	22	22
Pieces per Container	260	572	627

Maximum Ratings

Operating Temperature	-40°C ~ +85°C
Maximum System Voltage	1000VDC
Maximum Series Fuse Rating	20A